

Sheet 1 of 3

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. 3220-72178		SERIAL NO. 10/500,511	
INFORMATION DISCLOSURE STATEMENT				APPLICANT Badylak, Stephen F. et al.			
				FILING DATE June 30, 2004		GROUP 1632	
U. S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
/SC/	AA	4,352,887	10/05/1982	Reid, et al.			
	AB	4,642,292	02/10/1987	Reid, et al.			
	AC	4,645,669	02/24/1987	Reid			
	AD	4,829,000	05/09/1989	Kleinman, et al.			
	AE	5,955,110	09/21/1999	Patel, et al.			
	AF	6,793,939	09/21/2004	Badylak			
	AG	US 2004-0191226 A1	09/30/2004	Badylak			
	AI	US 2004-0187877 A1	09/30/2004	Badylak, et al.			
	AI	US 2004-0157323 A1	08/12/2004	Badylak			
	AJ	4,399,123	08/16/1983	Oliver et al.			
/SC/	AK	5,510,254	04/23/1996	Naughton et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
/SC/	AL	218 065	04/15/1987	EP			
/SC/	AM	WO 98/25637	06/18/1998	PCT			
	AN						
	AO						
	AP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
/SC/	AR	Badylak, et al., "Strength over Time of a Resorbable Bioscaffold for Body Wall Repair in a Dog Model," <i>J. Surg. Res.</i> , Vol. 99, pp. 282-287 (2001).					
	AS	Badylak, et al., "Morphologic Study of Small Intestinal Submucosa as a Body Wall Repair Device," <i>J. Surg. Res.</i> , Vol. 103, pp. 190-202 (2002).					
	AT	Kleinman, et al., "Formation of a Supramolecular Complex is Involved in the Reconstruction of Basement Membrane Components," <i>Biochem.</i> , Vol. 22, pp. 4969-4974 (1983).					
	AU	Kleinman, et al., "Basement Membrane Complexes with Biological Activity," <i>Biochem.</i> , Vol. 25(2), pp. 312-318 (1986).					
	AV	Wewer, et al., "Human Laminin Isolated in a Nearly Intact, Biologically Active Form from Placenta by Limited Proteolysis," <i>J. of Biol. Chem.</i> , Vol. 258(20), pp. 12654-12660 (1983).					
	AW	Madison, et al., "Increased Rate of Peripheral Nerve Regeneration Using Bioresorbable Nerve Guides and a Laminin-Containing Gel," <i>Exp. Neurology</i> , Vol. 88, pp. 767-772 (1985).					
	AX	Kleinman, et al., "Isolation and Characterization of Type IV Procollagen, Laminin, and Heparan Sulfate Proteoglycan from the EHS Sarcoma," <i>Biochem.</i> , Vol. 21, pp. 6188-6193 (1982).					
	AY	Vukicevic, et al., "Identification of Multiple Active Growth Factors in Basement Membrane Matrigel Suggests Caution in Interpretation of Cellular Activity Related to Extracellular Matrix Components," <i>Exp. Cell Res.</i> , Vol. 202, pp. 1-8 (1992).					
/SC/	AZ	Saad, et al., "Crude Liver Membrane Fractions and Extracellular Matrix Components as Substrata Regulate Differently the Preservation and Inducibility of Cytochrome P-450 Isoenzymes in Cultured Rat Hepatocytes," <i>Eur. J. Biochem.</i> , Vol. 213, pp. 805-814 (1993).					
Examiner /Shin Lin Chen/				Date Considered 10/22/2009			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

BASED ON FORM PTO 1449

Sheet 2 of 3

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-72178 APPLICANT Badylak, Stephen F. et al. FILING DATE June 30, 2004		SERIAL NO. 10/500,511 GROUP 1632	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
/SCI/	BA	7,482,025	01/27/2009	Badylak			
↓	BB	6,379,710	04/30/2002	Badylak			
	BC	US 2009-0123511	05/14/2009	Badylak			
	BD	US 2003-0216812	11/20/2003	Badylak			
	BE	US 2002-0160052	10/31/2002	Badylak			
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	BI						
	BM						
	BN						
	BO						
	BP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
/SCI/	BR	Saad, et al., "Crude Liver Membrane Fractions as Substrate Preserve Liver-Specific Functions in Long-Term Serum-Free Rat Hepatocyte Cultures in Vitro," <i>Cell Dev. Biol.</i> , Vol. 29A, p. 3240 (1993).					
↓	BS	Rakotoarivony, et al., <i>Comptes Rendus Hebdomadaires des Seances de L'Academie des Sciences D: Sciences Naturelles</i> , Vol. 284(7), pp. 565-568 (1977) (abstract).					
	BT	Carlson, et al., <i>Renal Physiology</i> , Vol. 3(1-6), pp. 280-287 (1980) (abstract).					
	BU	Meezan, et al., <i>Biol Chem. Basement Membrane [Proc. Int'l Symp.]</i> , pp. 17-30 (1978) (abstract).					
	BV	Dixit, et al., <i>Artificial Organs</i> , Vol. 16(4), pp. 336-341 (1992) (abstract).					
	BW	Gibbons, et al., <i>Eur. J. Biochem.</i> , Vol. 66(2), pp. 243-250 (1976) (abstract).					
	BX	Dunn et al., "Long-Term In Vitro Function of Adult Hepatocytes in a Collagen Sandwich Configuration," <i>Biotechnology Prog.</i> , 7: 237-245 (1991).					
	BY	Bhatia et al., "Microfabrication of Hepatocyte/Fibroblast Co-Cultures: Role of Homotypic Cell Interactions," <i>Biotechnology Prog.</i> , 14: 378-387 (1998).					
/SCI/	BZ	Behnia et al., "Xenobiotic Metabolism by Cultured Primary Porcine Hepatocytes," <i>Tissue Engineering</i> , 6: 467-479 (2000).					
Examiner		/Shin Lin Chen/				Date Considered	
						10/22/2009	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

BASED ON FORM PTO 1449

Sheet 3 of 3

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. 3220-72178		SERIAL NO. 10/500,511	
INFORMATION DISCLOSURE STATEMENT				APPLICANT Badyiak, Stephen F. et al.			GROUP 1632
				FILING DATE June 30, 2004			
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CI						
	CI						
	CI						
	CI						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	CI						
	CM						
	CN						
	CO						
	CP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
/SC/	CR	Yamamoto et al., <i>Hepatology Research</i> , 35(3):169-77 (2006) (Abstract only)					
/SC/	CS	Campbell, L.H. et al., <i>In Vitro Cell Dev. Bio. Meeting Abstract Issue</i> , 2007 (Abstract A-2000)					
/SC/	CT	Wang, Ying-Jie et al., <i>World J. Gastroenterol.</i> , 10(5):699-702 (2004)					
	CU						
	CV						
	CW						
	CX						
	CY						
	CZ						
Examiner		/Shin Lin Chen/				Date Considered 10/22/2009	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

BASED ON FORM PTO 1449